

Nombre: Maria Jose Jara Herrera

Taller 2 – Módulo 3 : API Rest

## Punto 1 | Perros

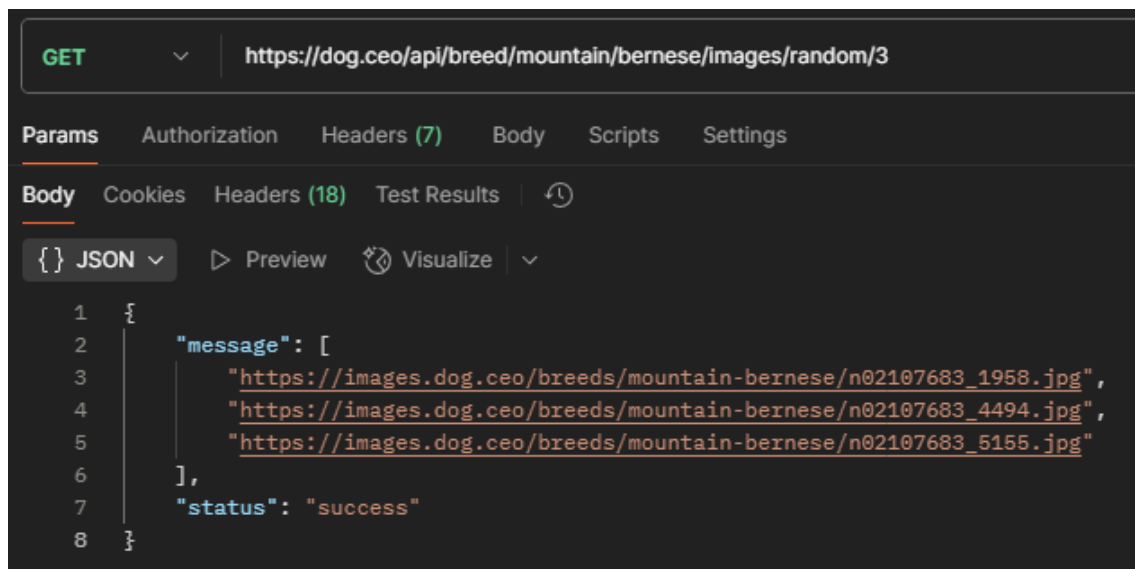
<https://dog.ceo/api/breeds/image/random>

Fetch!

JSON

```
{
  "message": "https://images.dog.ceo/breeds/mountain-bernese/n02107683_6825.jpg",
  "status": "success"
}
```

IMAGE



Java

GET <https://dog.ceo/api/breed/mountain/bernese/images/random/3>

```
{
  "message": [
    "https://images.dog.ceo/breeds/mountain-bernese/n02107683_1958.jpg",
    "https://images.dog.ceo/breeds/mountain-bernese/n02107683_4494.jpg",
    "https://images.dog.ceo/breeds/mountain-bernese/n02107683_5155.jpg"
  ],
  "status": "success"
}
```



## Punto 2 | Pokémon

<https://pokeapi.co/api/v2/pokemon/pikachu>



Submit

Need a hint? Try [pokemon/ditto](#), [pokemon-species/aegislash](#), [type/3](#), [ability/battle-armor](#), or [pokemon?limit=100000&offset=0](#).

Direct link to results: <https://pokeapi.co/api/v2/pokemon/pikachu>

### Resource for pikachu

```
is_default: true
location_area_encounters: "https://pokeapi.co/api/v2/pokemon/25/encounters"
▶ moves: [] 105 items
  name: "pikachu"
  order: 35
▶ past_abilities: [] 1 item
past_types: [] 0 items
▼ species: {} 2 keys
  name: "pikachu"
  url: "https://pokeapi.co/api/v2/pokemon-species/25/"
▼ sprites: {} 10 keys
  back_default: "https://raw.githubusercontent.com/PokeAPI/sprites/master/sprites/pokemon/back/25.png"
  back_female: "https://raw.githubusercontent.com/PokeAPI/sprites/master/sprites/pokemon/back/female/25.png"
  back_shiny: "https://raw.githubusercontent.com/PokeAPI/sprites/master/sprites/pokemon/back/shiny/25.png"
  back_shiny_female: "https://raw.githubusercontent.com/PokeAPI/sprites/master/sprites/pokemon/back/shiny/female/25.png"
  front_default: "https://raw.githubusercontent.com/PokeAPI/sprites/master/sprites/pokemon/25.png"
  front_female: "https://raw.githubusercontent.com/PokeAPI/sprites/master/sprites/pokemon/female/25.png"
  front_shiny: "https://raw.githubusercontent.com/PokeAPI/sprites/master/sprites/pokemon/shiny/25.png"
  front_shiny_female: "https://raw.githubusercontent.com/PokeAPI/sprites/master/sprites/pokemon/shiny/female/25.png"
  ▶ other: {} 4 keys
  ▶ versions: {} 8 keys
▶ stats: [] 6 items
▶ types: [] 1 item
weight: 60
```

☐ View raw JSON (419.053 kB, 13695 lines)

GET <https://pokeapi.co/api/v2/nature/calm/>

Params Authorization Headers (7) Body Scripts Settings

Body Cookies Headers (28) Test Results

{ } JSON Preview Visualize

```
1  {
2  >   "decreased_stat": { ...
5      },
6      "hates_flavor": {
7          "name": "spicy",
8          "url": "https://pokeapi.co/api/v2/berry-flavor/1/"
9      },
10     "id": 4,
11 >   "increased_stat": { ...
14     },
15 >   "likes_flavor": { ...
18     },
19 >   "move_battle_style_preferences": [ ...
44     ],
45     "name": "calm",
46 >   "names": [ ...
117    ],
118 >   "pokeathlon_stat_changes": [ ...
133    ]
134 }
```

Java

GET <https://pokeapi.co/api/v2/nature/calm/>

```
{
  "decreased_stat": {
    "name": "attack",
    "url": "https://pokeapi.co/api/v2/stat/2/"
  },
  "hates_flavor": {
    "name": "spicy",
    "url": "https://pokeapi.co/api/v2/berry-flavor/1/"
  },
  "id": 4,
  "increased_stat": {
    "name": "special-defense",
    "url": "https://pokeapi.co/api/v2/stat/5/"
  },
  "likes_flavor": {
    "name": "bitter",
```

```

    "url": "https://pokeapi.co/api/v2/berry-flavor/4/"
  },
  "move_battle_style_preferences": [
    {
      "high_hp_preference": 40,
      "low_hp_preference": 25,
      "move_battle_style": {
        "name": "attack",
        "url": "https://pokeapi.co/api/v2/move-battle-style/1/"
      }
    },
    {
      "high_hp_preference": 50,
      "low_hp_preference": 62,
      "move_battle_style": {
        "name": "defense",
        "url": "https://pokeapi.co/api/v2/move-battle-style/2/"
      }
    },
    {
      "high_hp_preference": 10,
      "low_hp_preference": 13,
      "move_battle_style": {
        "name": "support",
        "url": "https://pokeapi.co/api/v2/move-battle-style/3/"
      }
    }
  ],
  "name": "calm",
  "names": [
    {
      "language": {
        "name": "ja-Hrkt",
        "url": "https://pokeapi.co/api/v2/language/1/"
      },
      "name": "おだやか"
    },
    {
      "language": {
        "name": "ko",
        "url": "https://pokeapi.co/api/v2/language/3/"
      },
      "name": "차분"
    },
    {
      "language": {
        "name": "zh-Hant",
        "url": "https://pokeapi.co/api/v2/language/4/"
      },
      "name": "溫和"
    },
    {
      "language": {
        "name": "fr",
        "url": "https://pokeapi.co/api/v2/language/5/"
      },

```

```

        "name": "Calme"
    },
    {
        "language": {
            "name": "de",
            "url": "https://pokeapi.co/api/v2/language/6/"
        },
        "name": "Still"
    },
    {
        "language": {
            "name": "es",
            "url": "https://pokeapi.co/api/v2/language/7/"
        },
        "name": "Serena"
    },
    {
        "language": {
            "name": "it",
            "url": "https://pokeapi.co/api/v2/language/8/"
        },
        "name": "Calma"
    },
    {
        "language": {
            "name": "en",
            "url": "https://pokeapi.co/api/v2/language/9/"
        },
        "name": "Calm"
    },
    {
        "language": {
            "name": "ja",
            "url": "https://pokeapi.co/api/v2/language/11/"
        },
        "name": "おだやか"
    },
    {
        "language": {
            "name": "zh-Hans",
            "url": "https://pokeapi.co/api/v2/language/12/"
        },
        "name": "温和"
    }
],
"pokeathlon_stat_changes": [
    {
        "max_change": -2,
        "pokeathlon_stat": {
            "name": "speed",
            "url": "https://pokeapi.co/api/v2/pokeathlon-stat/1/"
        }
    },
    {
        "max_change": 2,
        "pokeathlon_stat": {

```

```

      "name": "power",
      "url": "https://pokeapi.co/api/v2/pokeathlon-stat/2/"
    }
  }
]
}

```

### Punto 3 | Rick and Morty

GET

https://rickandmortyapi.com/api/location/?name=Dorian

Params

Authorization

Headers (7)

Body

Scripts

Settings

Query Params

<input checked="" type="checkbox"/>	Key	Value
<input checked="" type="checkbox"/>	name	Dorian
	Key	Value

Body

Cookies

Headers (14)

Test Results

🔄

{ } JSON

▶ Preview

🔗 Visualize

▼

```

1  {
2    "info": {
3      "count": 1,
4      "pages": 1,
5      "next": null,
6      "prev": null
7    },
8    "results": [
9      {
10       "id": 29,
11       "name": "Dorian 5",
12       "type": "Planet",
13       "dimension": "Replacement Dimension",
14       "residents": [
15         "https://rickandmortyapi.com/api/character/93",
16         "https://rickandmortyapi.com/api/character/104",
17         "https://rickandmortyapi.com/api/character/198"
18       ],
19       "url": "https://rickandmortyapi.com/api/location/29",
20       "created": "2017-12-01T11:36:16.463Z"
21     }
22   ]
23 }

```

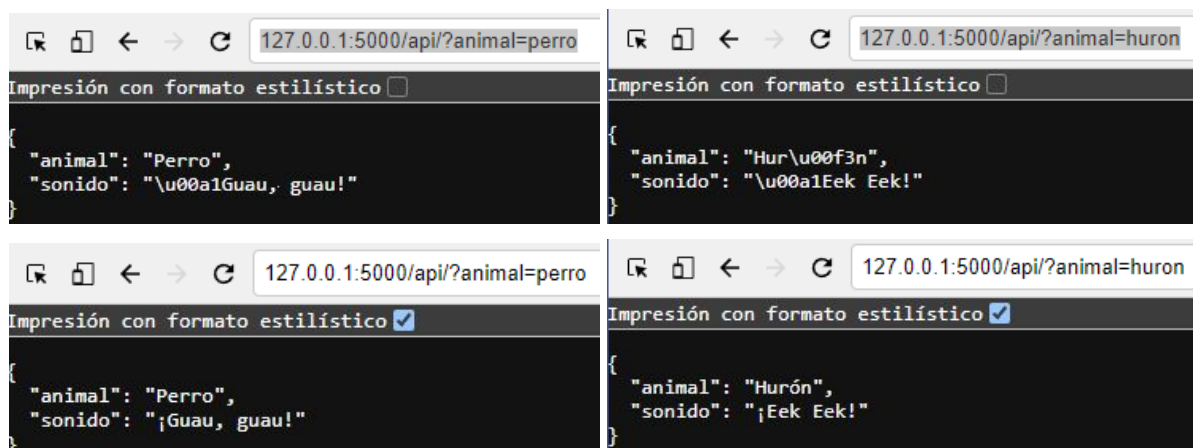
Java

GET <https://rickandmortyapi.com/api/location/?name=Dorian>

```
{
  "info": {
    "count": 1,
    "pages": 1,
    "next": null,
    "prev": null
  },
  "results": [
    {
      "id": 29,
      "name": "Dorian 5",
      "type": "Planet",
      "dimension": "Replacement Dimension",
      "residents": [
        "https://rickandmortyapi.com/api/character/93",
        "https://rickandmortyapi.com/api/character/104",
        "https://rickandmortyapi.com/api/character/198"
      ],
      "url": "https://rickandmortyapi.com/api/location/29",
      "created": "2017-12-01T11:36:16.463Z"
    }
  ]
}
```

## Punto 5 | Nuestro propio API, ¿cómo hace el animal?

Tuve problemas al instalar Postman, por eso los puntos anteriores los hice desde su versión web. Pero Postman no permite hacer consultas locales, así que usé otra página (<https://reqbin.com/>) para esto:



Name: enter name (optional)

127.0.0.1:5000/api/?animal=perro

Params 1 Body Auth Headers 4 Raw 5

Query Params

<input checked="" type="checkbox"/>	Key
<input checked="" type="checkbox"/>	animal
	key
	key

Body 4 Headers 5 Raw 11

Body

```
{
  "animal": "Perro",
  "sonido": "\u00a1Guau, guau!"
}
```

Name: enter name (optional)

127.0.0.1:5000/api/?animal=huron

Params 1 Body Auth Headers 4 Raw 5

Query Params

<input checked="" type="checkbox"/>	Key
<input checked="" type="checkbox"/>	animal
	key
	key

Body 4 Headers 5 Raw 11

Body

```
{
  "animal": "Hur\u00f3n",
  "sonido": "\u00a1Eek Eek!"
}
```

Versión Web:

127.0.0.1:5000/

## Bienvenidos a la API!!

Aquí podrás consultar sobre los siguientes animales:

- Gato
- Perro
- Hurón
- Boa Constrictor

Aquí podrás verlo de manera online:

http://127.0.0.1:5000/api/?animal= gato ▼

Consultar



## Versión Railway:

<https://taller2-mjarah-production.up.railway.app/>

